



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#4/IDS.  
Hawkins  
3/18/02

Applicant(s): Zhang et al.  
Serial No.: 09/942,272  
For: CLASS V FLEXTENSIONAL TRANSDUCER WITH DIRECTIONAL BEAM PATTERNS  
Filed: August 29, 2001  
Examiner: Not Yet Assigned  
Art Unit: 2834  
Attorney Docket: 823.0103USU

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Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with applicant's duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application. This Information Disclosure Statement is being filed:

\_\_\_ Within three (3) months of the filing date of the national application;

\_\_\_ Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;

XXX Before the mailing date of a first Office Action on the merits;

\_\_\_ After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

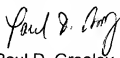
\_\_\_\_ After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

\_\_\_\_ After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(i)(1); and

\_\_\_\_ After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the issuance of a final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(l)(1).

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,



Date: January 2, 2002

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2834



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT TRANSMITTAL FORM

Applicant(s): Zhang et al.  
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COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Transmitted herewith is:

1. Information Disclosure Statement;
2. PTO Form 1449 with copies of patents;
3. Transmittal letter in duplicate; and
4. Postcard.

Please charge any additional fees or credit any such fees, if necessary to Deposit Account No. 01-0467 in the name of Ohlandt, Greeley, Ruggiero & Perle. A duplicate copy of this sheet is attached.

Respectfully submitted,

Paul D. Greeley, Esq.  
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 One Landmark Square, 10th Floor  
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Date: January 2, 2002

**CERTIFICATE OF MAILING**

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON JANUARY 2, 2002.

Jeffrey J. Scepanski  
NAME

SIGNATURE

01/02/2002  
DATE